



SW3 SpeedFace How2

Revision 003

15 Dec 2023



Revision History

Version	Date	Person	Reason For Changes
001	2021-05-14	EB	New Document
002	2021-05-15	MTL	Format document
003	2023-12-15	MTL	Add to Install, Wiegand configuration, download dB
004	2024-01-17	MTL	Administrators, enable menu

This document describes how2 install and setup ZK SpeedFace Bio readers.

1. Normal install – Softwin3, SCS_Bio and SCS_ZK_Pushserver
Install as administrator, else error createCOM object error.
If installing SCS_Bio using SW3_Install – select BioSetup/PushServer set Server1.
2. Problems – No icon or shortcut anywhere for SCS_ZK_PushServer_Manager.
The program is installed in C:\Program Files (x86)\Softcon\Softcon SpeedFace Push Server.
The SCS_ZK_PushServer_Manager.exe is used to start the **Softcon SpeedFace Push Server** service.
The service must run for Softwin3 to see SpeedFace serial numbers and transfer templates to devices.
SCS_ZK_PushServer_Manager can be closed when service is started.
3. Speedface device configuration.
IP addresses and Wiegand settings for any **ZK Teco** device are normally configured by an administrator user on the device itself.
Biometric templates of SW3 administrators can also unlock devices for configuration purposes.
Users that are enabled for a device and that are Administrators in the SW3 system, are Administrators in the reader.
DB clear (Right click on the Reader in setup>setup edit>Bio reader) also removes all administrators, enabling the menu on the reader without an administrator available.
See documentation on how to configure Softwin3 system passwords.

To unlock the menu on a speedface device loaded with Administrators, the following procedure:
Power-up with device on plate (no tamper).
When startup complete (spinning wheel stops), remove from plate (in tamper).
Exactly 30 seconds later select menu icon (without face detectable).

Comms Menu:

- Ethernet – Configure TCP/IP communication – IP address, mask, gateway etc.
- CloudServer Settings – Cloud server IP address must be the IP address of computer where **Softcon SpeedFace Push Server** service is running.

Wiegand Menu:

- SRB set to disabled.
- Wiegand out: If A options, select Wiegand out to 26A or 34A.
- Enable site code and set to match CntrP setting or set to 0.
If reader site=0, CntrP ignores facility settings.
For 26 bit, CntrP type can be type 4 or type 2 (uses 0 facility from reader).

4. Softwin3 Configuration.

4.1. Bio – Reader Setup:

- Name – User friendly name for device
- Reader – Device link to reader setup
- Type – ZK Speed Face device type must be selected
- PC – PC name that sends data to device and where **Softcon SpeedFace Push Server** service is running.
- IP Port – ZK device port is 4370
- IP Address – device network address.
- Serial No – Serial number must be requested with initial setup.
This can only be done after Type, PC, IP Port and IP Address are completed.
Right click on device and select **Request Serial no.** If computer can communicate with device through the **Softcon SpeedFace Push Server** service, the serial no will automatically be inserted in the column corresponding to the device. (License keys are required for all devices)
- Using TokenNo – Select to use token number as facial reference number.
- Push Server – Select Softcon Push Server for all ZK SpeedFace devices (**else network configuration error**).
- BIO Required – Selection must be removed for all ZK SpeedFace devices.

4.2. General Setup.

- Select **Auto Add Biometric Data** – Templet will automatically be sent to all devices where user has access
- **Bio Template Types not required for SpeedFace.**

4.3. User Editor.

- Capture image in Property view under user tab of selected user (right click on user and select **Properties** then select user tab)
- When image is captured and **Apply** button is selected, the templet will be sent to all devices where user has access if **Auto Add Biometric Data** is selected.
- **Add to Bio readers** button can also be used to transfer the templet to all relevant devices.
- **Delete from Bio reader does not remove anything.**
- **Nothing is displayed in the templet boxes – all boxes always red**

4.4. Remove and add records

The only way to remove a templet is through Bio Reader Setup

- Face Add record – test successful.
- Face Remove record – test successful.
- Face Clean DB – test successful.
- Face Download DB – test successful.
- Select DB or Ref = 0

